

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) A method of performing lawful interception of a first multimedia call between first and second terminals, the method comprising:
 - detecting the initiation of the first multimedia call at monitoring equipment located in a call path of the first multimedia call;
 - forwarding from the monitoring equipment to a gateway, parameters defining at least one of a forward channel and a reverse channel of the first multimedia call;
 - emulating a multimedia terminal at said gateway and setting up a second multimedia call between the emulated terminal and a monitoring terminal, said gateway performing the complete media control protocol transactions with the monitoring terminal based upon the received parameters and wherein said gateway maps protocols utilized in the first multimedia call to protocols used in the second multimedia call; and
 - following the initiation of the first multimedia call, intercepting forward or reverse channel data at said monitoring equipment, routing the intercepted data to said gateway, and transmitting the data to the monitoring terminal over the forward channel of the second multimedia call;

wherein the second multimedia call includes a first gateway call between the gateway and the monitoring terminal and a second gateway call between the gateway and the monitoring terminal, and the step of transmitting the data to the monitoring terminal includes forwarding channel data from the intercepted call on a forward channel of the first gateway call and reverse channel data on a forward channel of the second gateway call.

2. (Canceled)

3. (Previously Presented) The method according to claim 1, wherein the monitoring terminal communicates with said gateway via a broadband IP network.

4. (Previously Presented) The method according to claim 1, said monitoring equipment forwarding to said gateway, signaling messages exchanged between the first and second terminals involved in the call being intercepted.

5. (Previously Presented) The method according to claim 1, said gateway performing transcoding of intercepted channel data.

6. (Previously Presented) The method according to claim 1 and comprising setting up a call from said gateway to the monitoring terminal for each of the forward and reverse channels of the intercepted call.

7. (Currently Amended) ~~The method according to claim 1 and comprising~~
A method of performing lawful interception of a first multimedia call between first and second terminals, the method comprising:

detecting the initiation of the first multimedia call at monitoring equipment located in a call path of the first multimedia call;

forwarding from the monitoring equipment to a gateway, parameters defining at least one of a forward channel and a reverse channel of the first multimedia call;

emulating a multimedia terminal at said gateway and setting up a second multimedia call between the emulated terminal and a monitoring terminal, said gateway performing the complete media control protocol transactions with the monitoring terminal based upon the received parameters and wherein said gateway maps protocols utilized in the first multimedia call to protocols used in the second multimedia call; and

following the initiation of the first multimedia call, intercepting forward or reverse channel data at said monitoring equipment, routing the intercepted data to said

gateway, and transmitting the data to the monitoring terminal over the forward channel of the second multimedia call;

wherein the step of transmitting the data to the monitoring terminal includes multiplexing/mixing the intercepted forward and reverse channel data onto a forward channel of the second multimedia call established between said gateway and the monitoring terminal.

8. (Canceled)

9. (Previously Presented) The method according to claim 1, wherein the first and second terminals participating in the first multimedia call are H.324 terminals, and said monitoring terminal is an H.323 terminal.

10. (Previously Presented) The method according to claim 1, wherein the first and second terminals participating in the first multimedia call are Session Initiation Protocol (SIP) terminals, and said monitoring terminal is also a SIP terminal

11. (Currently Amended) An apparatus for intercepting a multimedia call between first and second terminals, the apparatus comprising:

means for receiving from monitoring equipment located within a call path of the first multimedia call, parameters defining at least one of a forward and a reverse channel of the first multimedia call, following detection of the initiation of the first multimedia call by the monitoring equipment;

means for emulating a multimedia terminal;

means for setting up a second multimedia call between the emulated terminal and a monitoring terminal, wherein the means for emulating includes means for performing the complete media control protocol transactions with the monitoring terminal based upon the received parameters and for mapping protocols utilized in the first multimedia call to protocols used in the second multimedia call; and

means for receiving intercepted forward or reverse channel data from said monitoring equipment, and for transmitting the data to the monitoring terminal over the forward channel of the second multimedia call;

wherein the second multimedia call includes a first gateway call between the gateway and the monitoring terminal and a second gateway call between the gateway and the monitoring terminal, and the means for transmitting the data to the monitoring terminal includes means for forwarding channel data from the intercepted call on a forward channel of the first gateway call and reverse channel data on a forward channel of the second gateway call.

12. (New) An apparatus for intercepting a multimedia call between first and second terminals, the apparatus comprising:

means for receiving from monitoring equipment located within a call path of the first multimedia call, parameters defining at least one of a forward and a reverse channel of the first multimedia call, following detection of the initiation of the first multimedia call by the monitoring equipment;

means for emulating a multimedia terminal;

means for setting up a second multimedia call between the emulated terminal and a monitoring terminal, wherein the means for emulating includes means for performing the complete media control protocol transactions with the monitoring terminal based upon the received parameters and for mapping protocols utilized in the first multimedia call to protocols used in the second multimedia call; and

means for receiving intercepted forward or reverse channel data from said monitoring equipment, and for transmitting the data to the monitoring terminal over the forward channel of the second multimedia call;

wherein the means for transmitting the data to the monitoring terminal includes means for multiplexing/mixing the intercepted forward and reverse channel data onto a forward channel of the second multimedia call established between said gateway and the monitoring terminal.